

Anti-Static Woven Flexible Bulk Container

Abstract of the Disclosure

This invention relates to ungrounded type flexible fabric container with a reduced energy of electrostatic discharge suitable for use in a combustible environment. A woven fabric is configured to form a flexible fabric container having sidewalls, a top feature and a bottom feature. The woven fabric flexible bulk container is made from a static dissipating fabric comprising fabric woven of non-conductive tapes, to which a plurality of bicomponent conductive staple fibers are added. The bicomponent conductive staple fibers have one or more longitudinal stripes of a carbon loaded conductive constituent on an outer surface of a non-conductive constituent. Preferably the staple fibers are woven into or coated onto the fabric at a spacing of from 3 mm to 100 mm.